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Melissa Scanzillo

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Clifford Chance Rogers & Wells LLP

Docket No. 7227-270

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: McAndrew et al.

Filed: November 9, 2000

Group Art Unit: 2831

Serial No: 09/711,118

Examiner: To Be Assigned

For: SPIRAL COUPLERS

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the above identified application as follows:

In The Specification:

Please replace the paragraph beginning at page 1, line 6 with the following rewritten paragraph:

-- This invention relates to microwave couplers. More particularly, this invention discloses the topology of and a method for manufacturing couplers that typically operate at microwave frequencies and utilize spiral-like configurations to achieve high density and low volume.--

Please replace the paragraph beginning at page 3, line 17 with the following rewritten paragraph:

-- Advances have been made in reducing the size of LTCC couplers and FR4 couplers, by using strip-line spiral-like configurations. Examples of spiral-like configurations for couplers using various technologies may be found in U.S. Patent Nos. 3,999,150 to Caragliano et al., 5,689,217 to